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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/779,601

02/18/2004

Eric Doyle

16441-US

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7590

07/06/2009

MARKS & CLERK

P.O. BOX 957

STATION B

OTTAWA, ON K1P 5S7

CANADA

EXAMINER

AUGUSTINE, NICHOLAS

ART UNIT

PAPER NUMBER

2179

MAIL DATE

DELIVERY MODE

07/06/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/779,601	Applicant(s) DOYLE ET AL.	
	Examiner NICHOLAS AUGUSTINE	Art Unit 2179	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 April 2009.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,4,6-9,11,12 and 14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1,4,6-9,11,12 and 14 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

- A. This action is in response to the following communications: Request for Continued Examination filed 04/28/2009.
- B. Claims 1, 4, 6-9, 11-12 and 14 remain pending.
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Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 04/28/2009 has been entered.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised

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of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

4. Claims 1, 4, 6-9, 11-12 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Boezeman et al. (US 5,758,093), herein referred to as "Boezeman" in view of Moran et al (US 6,332,147 B1), herein referred to as "Moran".

As for independent claim 1 as well as 4 and 9, Boezeman teaches a method and apparatus of preparing a slideshow presentation viewable in a web browser, first and second data streams (figure 10), said first data comprising: preparing a video presentation of said slide show; preparing a sequence of animated slide presentation (figure 5, 124); displaying said video presentation as a video stream of frames along a first time line on a display device (figure 7, 116), said video stream being scrollable along said first time line (figure 7; wherein indicated are scroll bars in item 107 "video stream segments"); displaying a plurality of containers on said display device along a second time line alongside said frames of said data video stream (figure 10; column 4, lines 1-14), said containers being mouse draggable along said second time line relative to said first time line (column 7, lines 20,28,37 and 46), and said containers being scrollable along said second time line (figure 7 and column 6, lines 30-36); said containers containing respective individual slides of said animated slide-show presentation (column 7, lines 20-26); dragging said containers on said display device

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along said second time line to align said containers with respective group of frames (figure 12, containers are arranged at specific time frames as indicated by time line and time stamps, they are also arrange to overlap with other containers to make a final presentation made up of multiple multimedia data sources) in said video stream, wherein each said container is aligned with a group of frame representing a different video sequence so that a slide associated with a particular container will be presented during playback of the group of video frames aligned with that particular container (column 7, lines 60-67; figure 12, containers are specifically aligned at precise time frames and overlap other containers to present a final product have multiple multimedia data sources); and generating synchronization markers for said aligned containers relative to said video stream based on the position of said containers relative to said video stream; and outputting said synchronization markers in a synchronization file for controlling the streaming of said slides and said video presentation in said slide-show presentation (figure 7, column 7; column 8, lines 5-38).

Boezeman does not specifically teach that the animation segment is being displayed adjacent to the video at the same time while being played simultaneously, Boezeman only mentions that animation plays then video plays after animation is done but only as an example; however in the same field of endeavor Moran teaches a graphical user interface that displays and plays video and animations (slide show presentation) simultaneously adjacent to teach other (figure 4, col.18, lines 30-58).

Further Boezeman does not provide specific detail that permits individual slides of a particular animation to be associated with particular video segments; however Moran

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teaches individual segments from multiple multimedia formats to be synchronized using a time frame with graphical “visual indicators”; which are rectangular shaped blocks (containers) having graphics contained within them and/or with textual information, these containers are graphically placed horizontally to illustrate to the user when in time these pieces of multimedia will be played thus allowing the user to overlap and arrange segments of a plurality of multimedia information for presentation to the end user; further a video file or other multimedia file (e.g. slide show presentation; “liveboard” presentation, etc...) can be placed as a whole and then segmented up (broken/divided into pieces for repositioning) for authoring of a multimedia presentation; this information can be nested in graphically contained containers presented to the user (column 19, lines 5-67; col.20, lines 1-27; figures 4-5, 7,11-13 and 17).

Lastly Boezeman does not specifically mention the interface including a “playhead” that moves through the containers to permit the slides and video frames to be matched up; however Moran does teach the use of a playhead as depicted in figures 6-7 and 11 and described in column 20, lines 52-65.

It would have been obvious to one of ordinary skill in the art at the time of the invention to have combine Moran into Boezeman, this is true because Moran teaches a system which utilizes a timeline for editing video, animation, etc for a final presentation (figure 4 and 11-14; col.21, lines 53-67), thus providing an obvious advantage to the layout which is concurrently monitoring and managing all parallel executed tasks.

As for independent claim 4, Boezeman further teaches a method of synchronizing

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preparing a multi-media presentation viewable in a web browser, first and second data streams (figure 10), said first data comprising: preparing a video presentation; preparing an animated slide presentation (figure 5, 124); displaying said video presentation as a video stream of frames along a first time line on a display device (figure 7, 116), said video stream being scrollable along said first time line (figure 7; wherein indicated are scroll bars in item 107 "video stream segments"); displaying containers on said display device along a second time line alongside said frames of said data video stream (figure 10; column 4, lines 1-14), said containers being mouse draggable along said second time line relative to said first time line (column 7, lines 20,28,37 and 46), and said containers being scrollable along said second time line (figure 7 and column 6, lines 30-36); said containers containing respective slides of said animated slide presentation (column 7, lines 20-26); dragging said containers on said display device along said second time line to align said containers with respective selected frames (figure 12, containers are arranged at specific time frames as indicated by time line and time stamps, they are also arranged to overlap with other containers to make a final presentation made up of multiple multimedia data sources) in said video stream, wherein said containers are aligned with respective groups of frame representing video sequences (column 7, lines 60-67; figure 12, containers are specifically aligned at precise time frames and overlap other containers to present a final product having multiple multimedia data sources); and generating synchronization markers for said aligned containers relative to said video stream based on the position of said containers relative to said video stream; and outputting said synchronization markers in a

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synchronization file for controlling the streaming of said slides and said video presentation in said multi-media presentation (figure 7, column 8, lines 5-38).

Boezeman does not specifically teach that the animation segment is being displayed adjacent to the video at the same time while being played simultaneously, Boezeman only mentions that animation plays then video plays after animation is done but only as an example. Moran teaches a graphical user interface that displays and plays video and animations (slide show presentation) simultaneously adjacent to teach other (figure 4, col.18, lines 30-58).

Further Boezeman does not provide specific detail that permits individual slides of a particular animation to be associated with particular video segments; however Moran teaches individual segments from multiple multimedia formats to be synchronized using a time frame with graphical “visual indicators”; which are rectangular shaped blocks (containers) having graphics contained within them and/or with textual information, these containers are graphically placed horizontally to illustrate to the user when in time these pieces of multimedia will be played thus allowing the user to overlap and arrange segments of a plurality of multimedia information for presentation to the end user; further a video file or other multimedia file (e.g. slide show presentation; “liveboard” presentation, etc...) can be placed as a whole and then segmented up (broken/divided into pieces for repositioning) for authoring of a multimedia presentation; this information can be nested in graphically contained containers presented to the user (column 19, lines 5-67; col.20, lines 1-27; figures 4-5, 7,11-13 and 17).

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Lastly Boezeman does not specifically mention the interface including a "playhead" that moves through the containers to permit the slides and video frames to be matched up; however Moran does teach the use of a playhead as depicted in figures 6-7 and 11 and described in column 20, lines 52-65.

It would have been obvious to one of ordinary skill in the art at the time of the invention to have combine Moran into Boezeman, this is true because Moran teaches a system which utilizes a timeline for editing video, animation, etc for a final presentation (figure 4 and 11-14; col.21, lines 53-67) which is a similar system of Boezeman, thus one would not have been hard press to see the obvious variant Moran presents which is a different layout choice for similar systems. Boezeman further said slides include animation events that are displayed as atoms within said containers, said atoms being mouse draggable within said containers, and-said atoms are aligned with selected frames associated with their respective containers to generate synchronization markers for said animation events within said containers, and said synchronization markers for said animation events are included in said synchronization file (column 7, lines 9-25, figure 15; wherein depicted in figure 2, items 88,90,92, etc.. are atoms that are placed on the containers that effect the playback (animation) of the final result). Boezeman does not specifically teach that the animation segment is being displayed adjacent to the video at the same time while being played simultaneously, Boezeman only mentions that animation plays then video plays after animation is done but only as an example. Moran teaches a graphical user interface that displays and plays video and animations (slide show presentation) simultaneously adjacent to teach other (figure 4, col.18, lines 30-

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58). It would have been obvious to one of ordinary skill in the art at the time of the invention to have combine Moran into Boezeman, this is true because Moran teaches a system which utilizes a timeline for editing video, animation, etc for a final presentation (figure 4 and 11-14; col.21, lines 53-67), thus providing an obvious advantage to the layout which is concurrently monitoring and managing all parallel executed tasks.

As for dependent claim 6, Boezeman teaches a method as claimed in claim 1, wherein said containers interact with each other such that dragging one container along said second time line pushes other containers in front of it along said second time line (column 7, line 45-55; wherein the user can add a video segment anywhere on the time line, if a video segment is already placed on time line its time will be effected by the new segment added).

As for dependent claim 7, Boezeman teaches a method as claimed in claim 1, wherein said synchronization markers are timings relative to a reference point (figure 7).

As for dependent claim 8, Boezeman teaches a method as claimed in claim 7, wherein said reference point is the start of the first data video stream (figure 7).

As for independent claim 9, Boezeman further teaches an apparatus for preparing a multi-media presentation viewable in a web browser comprising: *a display device; a first software component for displaying video frames along a first time line on a display*

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device, said video frames being scrollable along said first time line; a second software component for displaying said containers on a second time line alongside said video frames, said containers being mouse draggable along said second time line relative to said first time line, and said containers being scrollable along said second time line; a pointer responsive to mouse control for interactively displacing dragging said containers on said display device relative to said video frames to align said containers with selected video frames; and a third software component for generating synchronization markers for said aligned containers relative to said video stream based on the position of said containers relative to said video stream and outputting said synchronization markers in a video file (note the analysis of claim 1 and column8, lines 11-53; figures 7 and 15).

Boezeman does not specifically teach that the animation segment is being displayed adjacent to the video at the same time while being played simultaneously, Boezeman only mentions that animation plays then video plays after animation is done but only as an example. Moran teaches a graphical user interface that displays and plays video and animations (slide show presentation) simultaneously adjacent to teach other (figure 4, col.18, lines 30-58).

Further Boezeman does not provide specific detail that permits individual slides of a particular animation to be associated with particular video segments; however Moran teaches individual segments from multiple multimedia formats to be synchronized using a time frame with graphical “visual indicators”; which are rectangular shaped blocks (containers) having graphics contained within them and/or with textual information,

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these containers are graphically placed horizontally to illustrate to the user when in time these pieces of multimedia will be played thus allowing the user to overlap and arrange segments of a plurality of multimedia information for presentation to the end user; further a video file or other multimedia file (e.g. slide show presentation; "liveboard" presentation, etc...) can be placed as a whole and then segmented up (broken/divided into pieces for repositioning) for authoring of a multimedia presentation; this information can be nested in graphically contained containers presented to the user (column 19, lines 5-67; col.20, lines 1-27; figures 4-5, 7,11-13 and 17).

Lastly Boezeman does not specifically mention the interface including a "playhead" that moves through the containers to permit the slides and video frames to be matched up; however Moran does teach the use of a playhead as depicted in figures 6-7 and 11 and described in column 20, lines 52-65.

It would have been obvious to one of ordinary skill in the art at the time of the invention to have combine Moran into Boezeman, this is true because Moran teaches a system which utilizes a timeline for editing video, animation, etc for a final presentation (figure 4 and 11-14; col.21, lines 53-67), thus providing an obvious advantage to the layout which is concurrently monitoring and managing all parallel executed tasks.

As for dependent claim 11, Boezeman teaches an apparatus as claimed in claim 9, wherein said slides include animation events, and further comprising a fourth software component for displaying atoms corresponding to said animation events said atoms being mouse draggable within said containers, and-said fourth software

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component generating synchronization markers for said animation events within said slides when said atoms are dragged to positions corresponding to selected frames within their respective containers, said fourth software component including said additional synchronization markers in said output file so that said animation events will occur during presentation of a particular slide during playback of said selected frames within said containers associated with said atoms (figure 15; column 6, lines 5-59; column 7, lines 9-19 and column 8, lines 10-39).

Further Boezeman does not provide specific detail that permits individual slides of a particular animation to be associated with particular video segments; however Moran teaches individual segments from multiple multimedia formats to be synchronized using a time frame with graphical "visual indicators"; which are rectangular shaped blocks (containers) having graphics contained within them and/or with textual information, these containers are graphically placed horizontally to illustrate to the user when in time these pieces of multimedia will be played thus allowing the user to overlap and arrange segments of a plurality of multimedia information for presentation to the end user; further a video file or other multimedia file (e.g. slide show presentation; "liveboard" presentation, etc...) can be placed as a whole and then segmented up (broken/divided into pieces for repositioning) for authoring of a multimedia presentation; this information can be nested in graphically contained containers presented to the user (column 19, lines 5-67; col.20, lines 1-27; figures 4-5, 7, 11-13 and 17).

Lastly Boezeman does not specifically mention the interface including a "playhead" that moves through the containers to permit the slides and video frames to be matched up;

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however Moran does teach the use of a playhead as depicted in figures 6-7 and 11 and described in column 20, lines 52-65.

It would have been obvious to one of ordinary skill in the art at the time of the invention to have combine Moran into Boezeman, this is true because Moran teaches a system which utilizes a timeline for editing video, animation, etc for a final presentation (figure 4 and 11-14; col.21, lines 53-67), thus providing an obvious advantage to the layout which is concurrently monitoring and managing all parallel executed tasks.

As for dependent claim 12, Boezeman teaches an apparatus as claimed in claim 9, wherein said second software component is programmed such that said containers interact with each other whereby dragging one container along said second time line pushes other containers in front of it along said second time line (note the analysis of claim 6).

As for dependent claim 14, Boezeman teaches an apparatus as claimed in claim 12, wherein said one container pushes other containers in front of it that have equal time properties to said one container (note the analysis of claim 13).

(Note :) It is noted that any citation to specific, pages, columns, lines, or figures in the prior art references and any interpretation of the references should not be considered to be limiting in any way. A reference is relevant for all it contains and may be relied upon for all that it would have reasonably suggested to one having ordinary skill in the art. In re Heck, 699 F.2d 1331, 1332-33, 216 USPQ 1038, 1039 (Fed. Cir. 1983) (quoting In re Lemelson, 397 F.2d 1006,1009, 158 USPQ 275, 277 (CCPA 1968)).

Response to Arguments

Applicant's arguments filed 04/28/2009 have been fully considered but they are not persuasive.

After careful review of the amended claims (given the broadest reasonable interpretation) and the remarks provided by the Applicant along with the cited reference(s) the Examiner does not agree with the Applicant for at least the reasons provided below:

A1. Applicant argues that Boezeman does not specifically teach the user to permit individual slides of a particular animation to be associated with particular video segments. Further the Applicant suggests that in Boezeman, there is no way of selecting individual slides within the animation sequence and correlating them with specific video segments.

R1. Examiner does not agree, yet to further prosecution the Examiner will show the obvious variation from Moran wherein Moran teaches these limitation ideas argued against by the Applicant. Moran teaches individual segments from multiple multimedia formats to be synchronized using a time frame with graphical "visual indicators"; which are rectangular shaped blocks (containers) having graphics contained within them and/or with textual information, these containers are graphically placed horizontally to illustrate to the user when in time these pieces of multimedia will be played thus allowing the user to overlap and arrange segments of a plurality of multimedia information for presentation to the end user; further a video file or other multimedia file (e.g. slide show presentation; "liveboard" presentation, etc...) can be placed as a whole

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and then segmented up (broken/divided into pieces for repositioning) for authoring of a multimedia presentation; this information can be nested in graphically contained containers presented to the user (column 19, lines 5-67; col.20, lines 1-27; figures 4-5, 7,11-13 and 17).

A2. Applicant argues that Boezeman does not include a playhead that moves through the containers to permit the slides and video frames to be matched up.

R2. Examiner agrees, however in the same field of endeavor Moran does teach the use of a playhead as depicted in figures 6-7 and 11, items 703 and 607; described in column 20, lines 52-65

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Inquires

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nicholas Augustine whose telephone number is 571-270-1056 and fax is 571-270-2056. The examiner can normally be reached on Monday - Friday: 9:30am- 5:00pm Eastern.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Weilun Lo can be reached on 571-272-4847. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Steven B Theriault/
Primary Examiner, Art Unit 2179

/Nicholas Augustine/
Examiner
Art Unit 2179
2009